RAW SEQUENCE LISTING

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Application Serial Number: 10/018,677
Source: IFW0
Date Processed by STIC: 09/05/06

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RAW SEQUENCE LISTING DATE: 09/05/2006
PATENT APPLICATION: **US/10/018,677** TIME: 15:32:46

Input Set : **N:\Crf3\RULE60\10018677.RAW**
Output Set: **N:\CRF4\09052006\J018677.raw**

<110> APPLICANT: Suciu-Foca, Nicole
<120> TITLE OF INVENTION: GENERATION OF ANTIGEN SPECIFIC T SUPPRESSOR CELLS FOR TREATMENT OF
REJECTION
<130> FILE REFERENCE: 0575/58332
<140> CURRENT APPLICATION NUMBER: US/10/018,677
<141> CURRENT FILING DATE: 2002-05-15
<150> PRIOR APPLICATION NUMBER: US/09/333,809
<151> PRIOR FILING DATE: 1999-06-15
<160> NUMBER OF SEQ ID NOS: 229
<170> SOFTWARE: PatentIn version 3.1
<210> SEQ ID NO: 1
<211> LENGTH: 34
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: HIV-1 tat - HLA-DRB chimera
<400> SEQUENCE: 1

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Lys Arg Ala Ala Val Asp Thr Tyr Cys Arg His Asn Tyr Gly Val Gly
            20                  25                  30
Glu Ser
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<210> SEQ ID NO: 2
<211> LENGTH: 102
<212> TYPE: PRT
<213> ORGANISM: human
<400> SEQUENCE: 2

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Gly Asp Thr Arg Pro Arg Phe Leu Trp Gln Leu Lys Phe Glu Cys His
1               5                   10                  15
Phe Phe Asn Gly Thr Glu Arg Val Arg Leu Leu Glu Arg Cys Ile Tyr
            20                  25                  30
Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Tyr Arg
        35                  40                  45
Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
    50                  55                  60
Lys Asp Leu Leu Glu Gln Arg Arg Ala Ala Val Asp Thr Tyr Cys Arg
65                  70                  75                  80
His Asn Tyr Gly Val Gly Glu Ser Phe Thr Val Gln Arg Arg Val Glu
                85                  90                  95
Pro Lys Val Thr Val Tyr
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<210> SEQ ID NO: 3
<211> LENGTH: 102

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<212> TYPE: PRT
<213> ORGANISM: human
<400> SEQUENCE: 3

Gly Asp Thr Arg Pro Arg Phe Leu Trp Gln Leu Lys Phe Glu Cys His
1 5 10 15
Phe Phe Asn Gly Thr Glu Arg Val Arg Leu Leu Glu Arg Cys Ile Tyr
20 25 30
Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Tyr Arg
35 40 45
Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
50 55 60
Lys Asp Leu Leu Glu Gln Arg Arg Ala Ala Val Asp Thr Tyr Cys Arg
65 70 75 80
His Asn Tyr Gly Ala Val Glu Ser Phe Thr Val Gln Arg Arg Val Glu
85 90 95
Pro Lys Val Thr Val Tyr
100

<210> SEQ ID NO: 4
<211> LENGTH: 81
<212> TYPE: PRT
<213> ORGANISM: human
<400> SEQUENCE: 4

Arg Phe Leu Trp Gln Leu Lys Phe Glu Cys His Phe Phe Asn Gly Thr
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Glu Arg Val Arg Leu Leu Glu Arg Cys Ile Tyr Asn Gln Glu Glu Ser
20 25 30
Val Arg Phe Asp Ser Asp Val Gly Glu Tyr Arg Ala Val Thr Glu Leu
35 40 45
Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln Lys Asp Leu Leu Glu
50 55 60
Gln Arg Arg Ala Ala Val Asp Thr Tyr Cys Arg His Asn Tyr Gly Ala
65 70 75 80
Val

<210> SEQ ID NO: 5
<211> LENGTH: 102
<212> TYPE: PRT
<213> ORGANISM: human
<400> SEQUENCE: 5

Gly Asp Thr Arg Pro Arg Phe Leu Trp Gln Leu Lys Phe Glu Cys His
1 5 10 15
Phe Phe Asn Gly Thr Glu Arg Val Arg Leu Leu Glu Arg Cys Ile Tyr
20 25 30
Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Tyr Arg
35 40 45
Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
50 55 60
Lys Asp Ile Leu Glu Asp Glu Arg Ala Ala Val Asp Thr Tyr Cys Arg
65 70 75 80
His Asn Tyr Gly Val Gly Glu Ser Phe Thr Val Gln Arg Arg Val Glu

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98                      85                  90                  95
99       Pro Lys Val Thr Val Tyr
100                  100
102 <210> SEQ ID NO: 6
103 <211> LENGTH: 102
104 <212> TYPE: PRT
105 <213> ORGANISM: human
106 <400> SEQUENCE: 6
107       Gly Asp Thr Arg Pro Arg Phe Leu Trp Gln Leu Lys Phe Glu Cys His
108       1               5                   10                  15
109       Phe Phe Asn Gly Thr Glu Arg Val Arg Leu Leu Glu Arg Cys Ile Tyr
110                   20                  25                  30
111       Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Tyr Arg
112               35                  40                  45
113       Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
114           50                  55                  60
115       Lys Asp Leu Leu Glu Gln Arg Arg Ala Ala Val Asp Asn Tyr Cys Arg
116       65                  70                  75                  80
117       His Asn Tyr Gly Val Val Glu Ser Phe Thr Val Gln Arg Arg Val Glu
118                       85                  90                  95
119       Pro Lys Val Thr Val Tyr
120                   100
122 <210> SEQ ID NO: 7
123 <211> LENGTH: 102
124 <212> TYPE: PRT
125 <213> ORGANISM: human
126 <400> SEQUENCE: 7
127       Gly Asp Thr Arg Pro Arg Phe Leu Trp Gln Pro Lys Arg Glu Cys His
128       1               5                   10                  15
129       Phe Phe Asn Gly Thr Glu Arg Val Arg Phe Leu Asp Arg Tyr Phe Tyr
130                   20                  25                  30
131       Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Phe Arg
132               35                  40                  45
133       Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
134           50                  55                  60
135       Lys Asp Ile Leu Glu Gln Ala Arg Ala Ala Val Asp Thr Tyr Cys Arg
136       65                  70                  75                  80
137       His Asn Tyr Gly Val Val Glu Ser Phe Thr Val Gln Arg Arg Val Gln
138                       85                  90                  95
139       Pro Lys Val Thr Val Tyr
140                   100
142 <210> SEQ ID NO: 8
143 <211> LENGTH: 88
144 <212> TYPE: PRT
145 <213> ORGANISM: human
146 <400> SEQUENCE: 8
147       Arg Phe Leu Trp Gln Pro Lys Arg Glu Cys His Phe Phe Asn Gly Thr
148       1               5                   10                  15
149       Glu Arg Val Arg Phe Leu Asp Arg Tyr Phe Tyr Asn Gln Glu Glu Ser
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```
150                 20                  25                  30
151       Val Arg Phe Asp Ser Asp Val Gly Glu Phe Arg Ala Val Thr Glu Leu
152               35                  40                  45
153       Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln Lys Asp Ile Leu Glu
154           50                  55                  60
155       Gln Ala Arg Ala Ala Val Asp Thr Tyr Cys Arg His Asn Tyr Gly Val
156       65                  70                  75                  80
157       Val Glu Ser Phe Thr Val Gln Arg
158                         85
160 <210> SEQ ID NO: 9
161 <211> LENGTH: 102
162 <212> TYPE: PRT
163 <213> ORGANISM: human
164 <400> SEQUENCE: 9
165       Gly Asp Thr Arg Pro Arg Phe Leu Trp Gln Pro Lys Arg Glu Cys His
166       1               5                   10                  15
167       Phe Phe Asn Gly Thr Glu Arg Val Arg Phe Leu Asp Arg Tyr Phe Tyr
168                   20                  25                  30
169       Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Phe Arg
170               35                  40                  45
171       Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
172           50                  55                  60
173       Lys Asp Ile Leu Glu Gln Ala Arg Ala Ala Val Asp Thr Tyr Cys Arg
174       65                  70                  75                  80
175       His Asn Tyr Gly Val Gly Glu Ser Phe Thr Val Gln Arg Arg Val Gln
176                         85                  90                  95
177       Pro Lys Val Thr Val Tyr
178                   100
180 <210> SEQ ID NO: 10
181 <211> LENGTH: 73
182 <212> TYPE: PRT
183 <213> ORGANISM: human
184 <400> SEQUENCE: 10
185       Glu Cys His Phe Phe Asn Gly Thr Glu Arg Val Arg Phe Leu Asp Arg
186       1               5                   10                  15
187       Tyr Phe Tyr Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly
188                   20                  25                  30
189       Glu Phe Arg Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp
190               35                  40                  45
191       Asn Ser Gln Lys Asp Ile Leu Glu Gln Ala Arg Ala Ala Val Asp Thr
192           50                  55                  60
193       Tyr Cys Arg His Asn Tyr Gly Val Gly
194       65                  70
196 <210> SEQ ID NO: 11
197 <211> LENGTH: 81
198 <212> TYPE: PRT
199 <213> ORGANISM: human
200 <400> SEQUENCE: 11
201       Arg Phe Leu Trp Gln Pro Lys Arg Glu Cys His Phe Phe Asn Gly Thr
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202       1               5                   10                  15
203       Glu Arg Val Arg Phe Leu Asp Arg Tyr Phe Tyr Asn Gln Glu Glu Ser
204                   20                  25                  30
205       Val Arg Phe Asp Ser Asp Val Gly Glu Phe Arg Ala Val Thr Glu Leu
206               35                  40                  45
207       Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln Lys Asp Ile Leu Glu
208           50                  55                  60
209       Gln Ala Arg Ala Ala Val Asp Thr Tyr Cys Arg His Asn Tyr Gly Val
210       65                  70                  75                  80
211       Gly
213 <210> SEQ ID NO: 12
214 <211> LENGTH: 98
215 <212> TYPE: PRT
216 <213> ORGANISM: human
217 <400> SEQUENCE: 12
218       Gly Asp Thr Arg Pro Arg Phe Leu Trp Gln Pro Lys Arg Glu Cys His
219       1               5                   10                  15
220       Phe Phe Asn Gly Thr Glu Arg Val Arg Phe Leu Asp Arg His Phe Tyr
221                   20                  25                  30
222       Asn Gln Glu Glu Ser Val Arg Phe Asp Ser Asp Val Gly Glu Phe Arg
223               35                  40                  45
224       Ala Val Thr Glu Leu Gly Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln
225           50                  55                  60
226       Lys Asp Ile Leu Glu Gln Ala Arg Ala Ala Val Asp Thr Tyr Cys Arg
227       65                  70                  75                  80
228       His Asn Tyr Gly Val Val Glu Ser Phe Thr Val Gln Arg Arg Val Gln
229                       85                  90                  95
230       Pro Lys
232 <210> SEQ ID NO: 13
233 <211> LENGTH: 85
234 <212> TYPE: PRT
235 <213> ORGANISM: human
236 <400> SEQUENCE: 13
237       Phe Leu Trp Gln Pro Lys Arg Glu Cys His Phe Phe Asn Gly Thr Glu
238       1               5                   10                  15
239       Arg Val Arg Phe Leu Asp Arg Tyr Phe Tyr Asn Gln Glu Glu Ser Val
240                   20                  25                  30
241       Arg Phe Asp Ser Asp Val Gly Glu Phe Arg Ala Val Thr Glu Leu Gly
242               35                  40                  45
243       Arg Pro Asp Ala Glu Tyr Trp Asn Ser Gln Lys Asp Phe Leu Glu Gln
244           50                  55                  60
245       Ala Arg Ala Ala Val Asp Thr Tyr Cys Arg His Asn Tyr Gly Val Val
246       65                  70                  75                  80
247       Glu Ser Phe Thr Val
248                       85
250 <210> SEQ ID NO: 14
251 <211> LENGTH: 87
252 <212> TYPE: PRT
253 <213> ORGANISM: human
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/05/2006
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Input Set : **N:\Crf3\RULE60\10018677.RAW**
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The rules require that a line not exceed 72 characters in length. This includes spaces.

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